



04772 U.S. PTO

020204

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	HO-P02811US1
	First Inventor	Alan Witten
	Title	METHOD AND APPARATUS FOR IDENTIFYING BURIED OBJECTS USING GROUND PENETRATING RADAR
	Express Mail Label No.	ER509321377US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>
3. <input checked="" type="checkbox"/> Specification [Total Pages 37] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF)
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 15]	b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper
5. Oath or Declaration [Total Sheets <input]<br="" type="checkbox"/> a. <input type="checkbox"/> Newly executed (original or copy)	c. <input type="checkbox"/> Statements verifying identity of above copies
b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small>	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	

ACCOMPANYING APPLICATION PARTS

- | | |
|--|---|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) | |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement
<small>(when there is an assignee)</small> | <input type="checkbox"/> Power of
Attorney |
| 11. <input type="checkbox"/> English Translation Document (if applicable) | |
| 12. <input type="checkbox"/> Information Disclosure
Statement (IDS)/PTO-1449 | <input type="checkbox"/> Copies of IDS
Citations |
| 13. <input checked="" type="checkbox"/> Preliminary Amendment | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<small>(Should be specifically itemized)</small> | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)
<small>(if foreign priority is claimed)</small> | |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent. | |
| 17. <input type="checkbox"/> Other: | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/118,991
Prior application information: Examiner Bernarr E. Gregory Art Unit: 3662

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number: <input type="text"/>	OR	<input checked="" type="checkbox"/> Correspondence address below	
Name	FULBRIGHT & JAWORSKI L.L.P. Eric B. Hall		
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City	Houston	State	TX
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	Telephone	(713) 651-5151	Fax (713) 651-5246

Name (Print/Type)	Eric B. Hall	Registration No. (Attorney/Agent)	46,751
Signature		Date	February 2, 2004

Utility Patent Application Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER509321377US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: February 2, 2004

Signature:

(Colby S. Delgado)



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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2004</h3> <p style="font-size: small; margin: 0;">Effective 10/01/2003, Patent fees are subject to annual revision.</p>		Complete if Known																																																																																																																																																																																																																																																																																																														
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</div> <div style="display: flex; justify-content: space-between;"><div>TOTAL AMOUNT OF PAYMENT</div><div>(\$) 770.00</div></div>		Application Number																																																																																																																																																																																																																																																																																																														
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<div style="display: flex; justify-content: space-between;"><div style="width: 45%;">METHOD OF PAYMENT (check all that apply)<div style="display: flex; justify-content: space-between; font-size: small;"><div><input checked="" type="checkbox"/> Check</div><div><input type="checkbox"/> Credit Card</div><div><input type="checkbox"/> Money Order</div><div><input type="checkbox"/> Other</div><div><input type="checkbox"/> None</div></div><div style="margin-top: 5px;"><input type="checkbox"/> Deposit Account:<div style="border: 1px solid black; padding: 2px; margin-top: 5px;">06-2375</div><div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Fulbright & Jaworski L.L.P.</div></div><div style="font-size: x-small; margin-top: 5px;">The Director is authorized to: (check all that apply)<div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Charge fee(s) indicated below</div><div><input checked="" type="checkbox"/> Credit any overpayments</div></div><div><input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)</div><div><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</div></div></div><div style="width: 50%;">FEE CALCULATION<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">1. BASIC FILING FEE<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>(\$) 770.00</td></tr></tbody></table></div><div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE<table style="width: 100%; font-size: x-small;"><tr><td>Total Claims</td><td>3</td><td>-20** =</td><td></td><td>x</td><td></td><td>=</td><td>0.00</td></tr><tr><td>Independent Claims</td><td>1</td><td>-3** =</td><td></td><td>x</td><td></td><td>=</td><td>0.00</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td></td><td></td><td></td><td>=</td><td></td></tr></table><div style="display: flex; justify-content: space-between; font-size: x-small;"><div>Large Entity</div><div>Small Entity</div><div>Fee Description</div></div><table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th><th></th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr><tr><td colspan="5" style="text-align: right;">SUBTOTAL (2)</td></tr></tbody></table></div><div style="display: flex; justify-content: space-between;"><div>SUBTOTAL (1) + SUBTOTAL (2)</div><div>(\$) 0.00</div></div><div style="font-size: x-small; margin-top: 5px;">**or number previously paid, if greater; For Reissues, see above</div></div><div style="width: 50%;">3. ADDITIONAL FEES<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="5">Other fee (specify)</td><td></td></tr><tr><td colspan="5">*Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3) (\$)</td></tr><tr><td colspan="5"></td><td>0.00</td></tr></tbody></table></div></div>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee	770.00	1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					(\$) 770.00	Total Claims	3	-20** =		x		=	0.00	Independent Claims	1	-3** =		x		=	0.00	Multiple Dependent						=		Fee Code	Fee (\$)	Fee Code	Fee (\$)		1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)					Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - 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1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																												
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																																																												
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																												
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																																																												
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																																																												
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																												
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																																																																												
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																																												
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																												
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																																												
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))																																																																																																																																																																																																																																																																																																												
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																												
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																												
Other fee (specify)																																																																																																																																																																																																																																																																																																																
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)																																																																																																																																																																																																																																																																																																											
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SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Eric B. Hall	Registration No. (Attorney/Agent)	46,751
Signature		Telephone	(713) 651-5627
		Date	February 2, 2004

Fee Transmittal	
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Application Data Sheet